Thoracic Surgery

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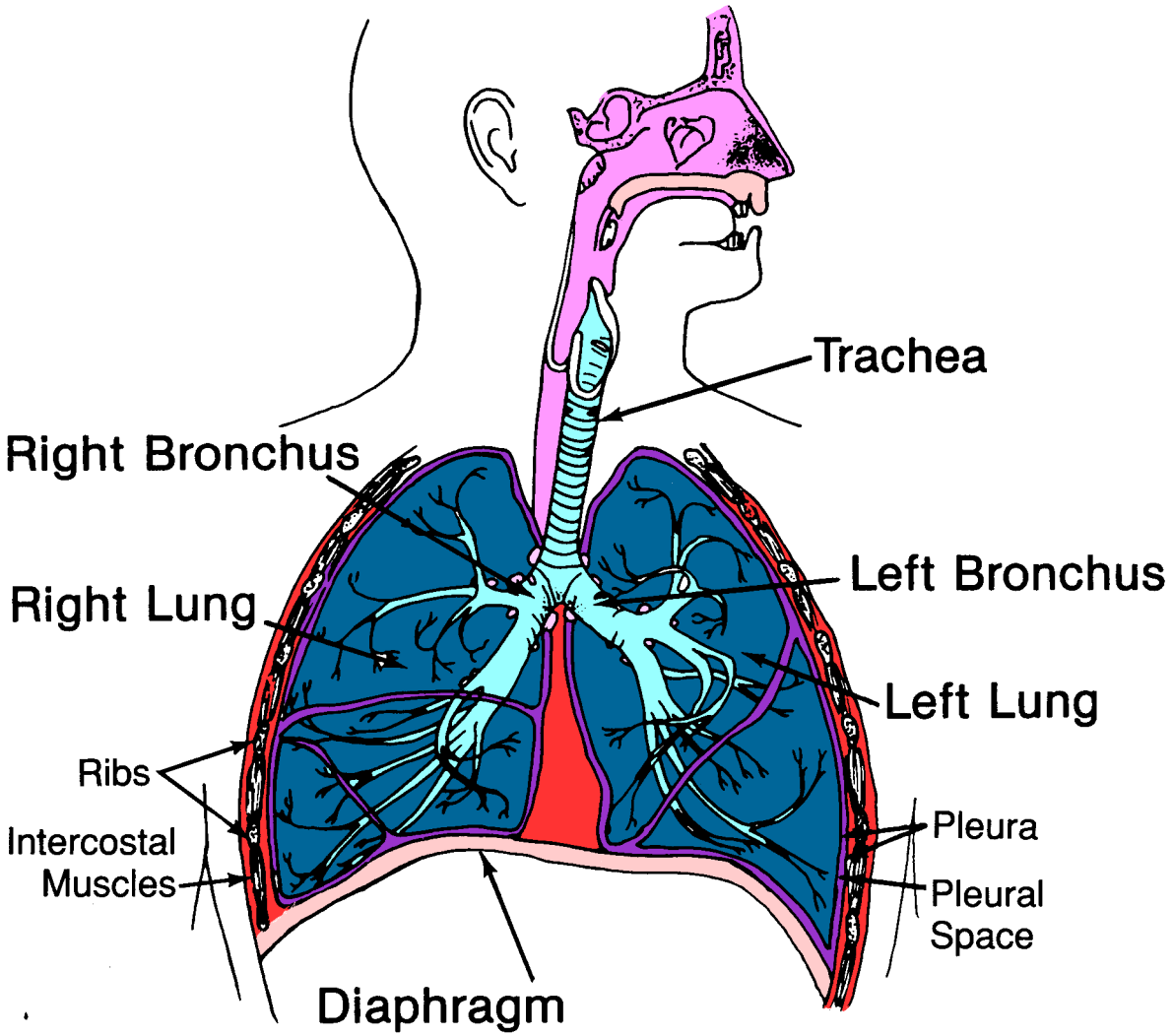
Terminology and Abbreviations

- ***Thoracic Cavity - The cavity that lies above the diaphragm and contains the heart, lungs, bronchi, trachea, esophagus, thymus gland, and several major vessels.***

Thoracic Cavity



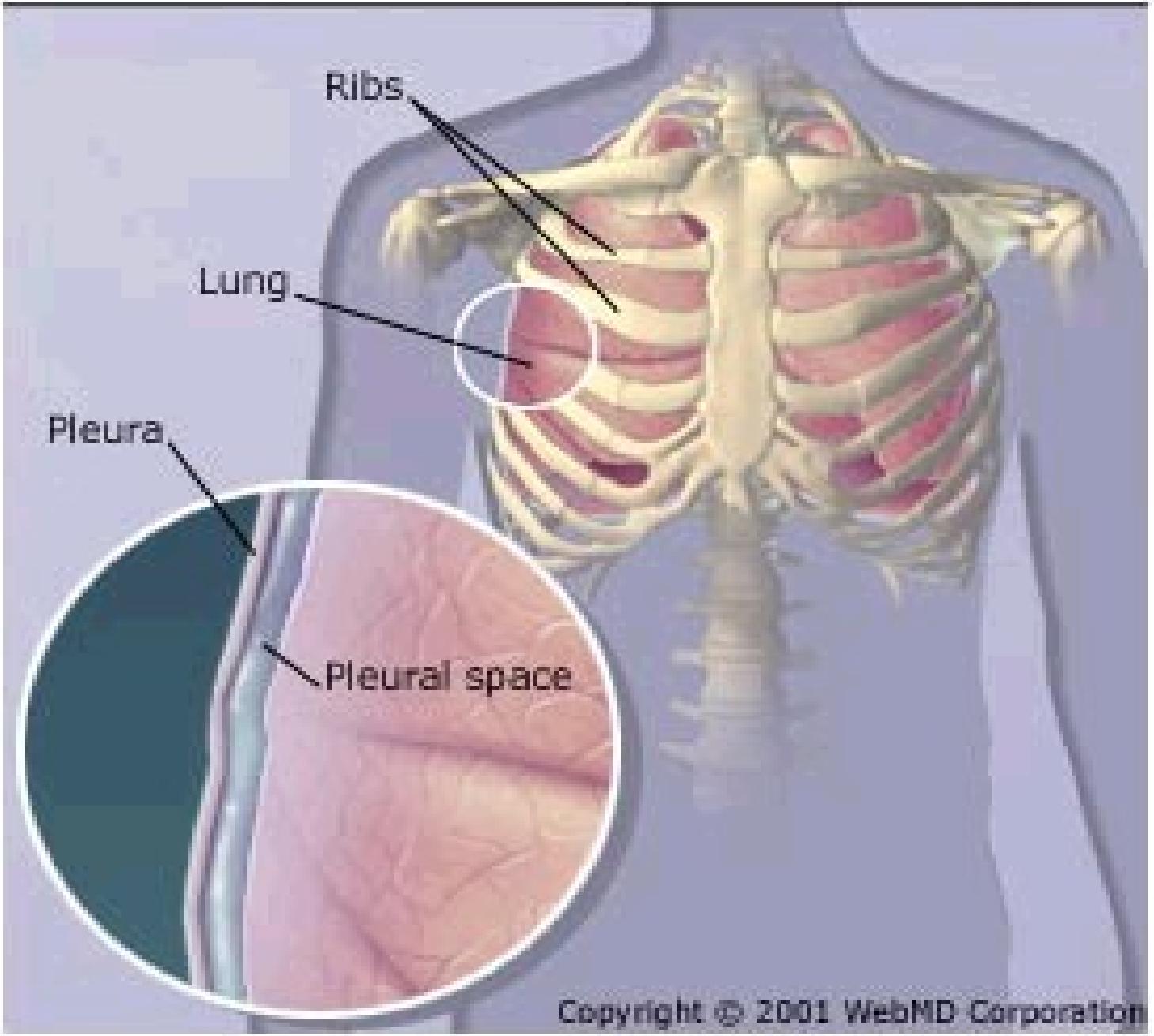
Negative Pressure

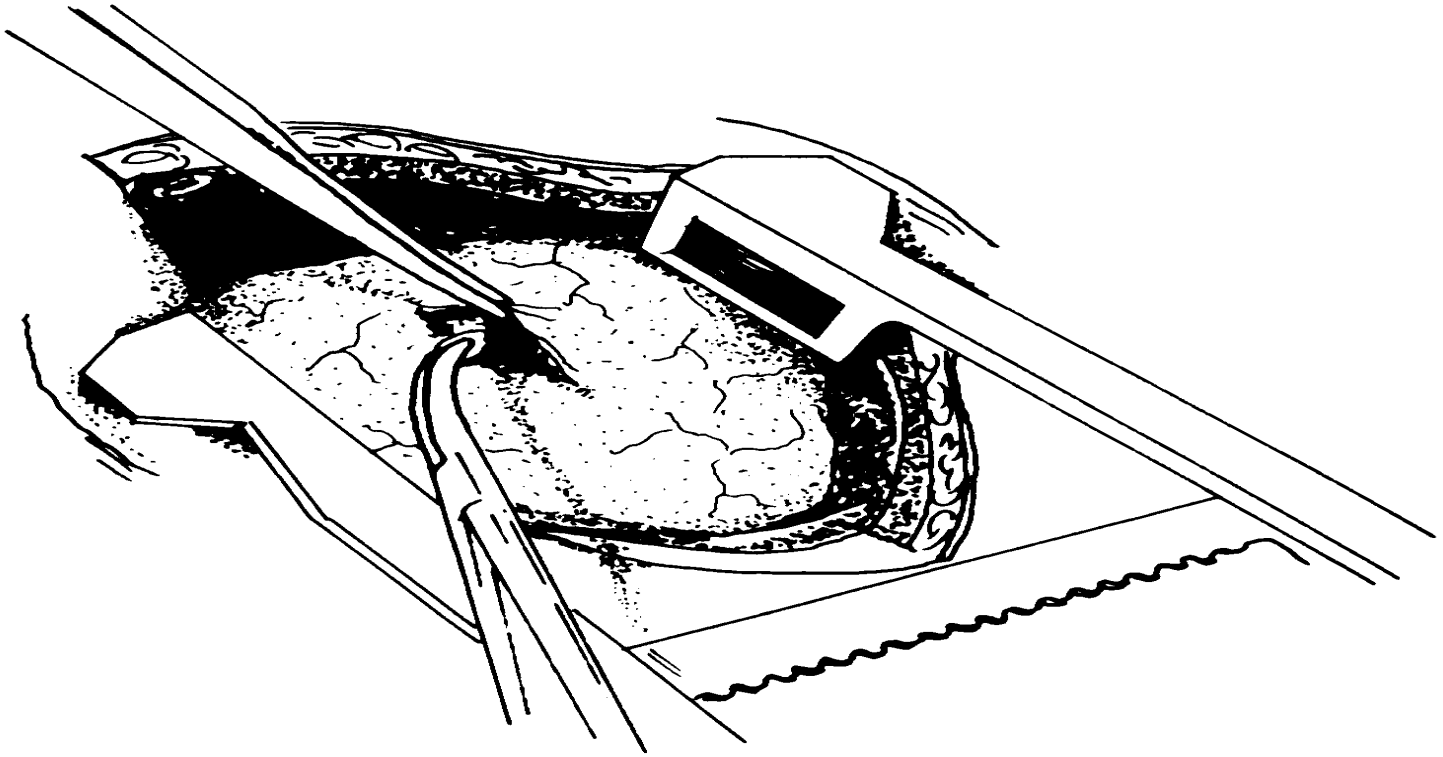
The normal pressure within the pleural cavities. Required for normal respirations

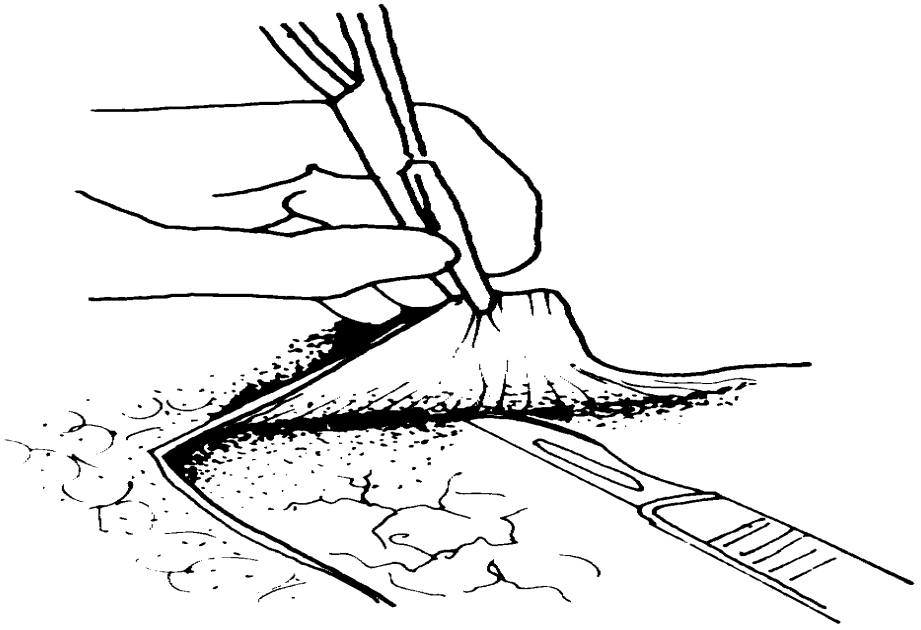
Pleura

The membrane that surrounds the lungs. It consists of two

Pleura (Covering of the Lungs)







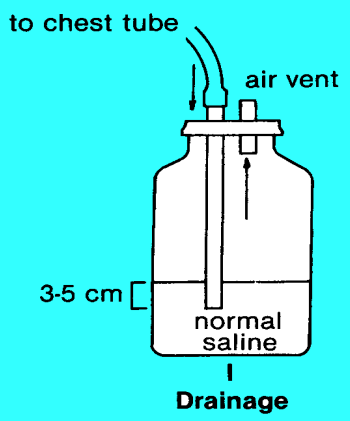
Pneumothorax – collection of air in the pleural cavity. Causes the lung to collapse.

Hemothorax - collection of blood in the pleural cavity.

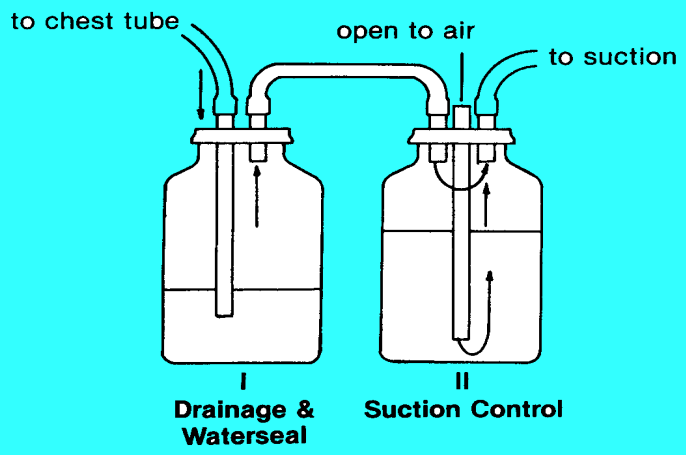
Water-seal drainage system

- Special containers that are used to drain air and fluids out of the pleural cavity. The water seal prevents air from going up the tubing and into the chest, which would result in pneumothorax.

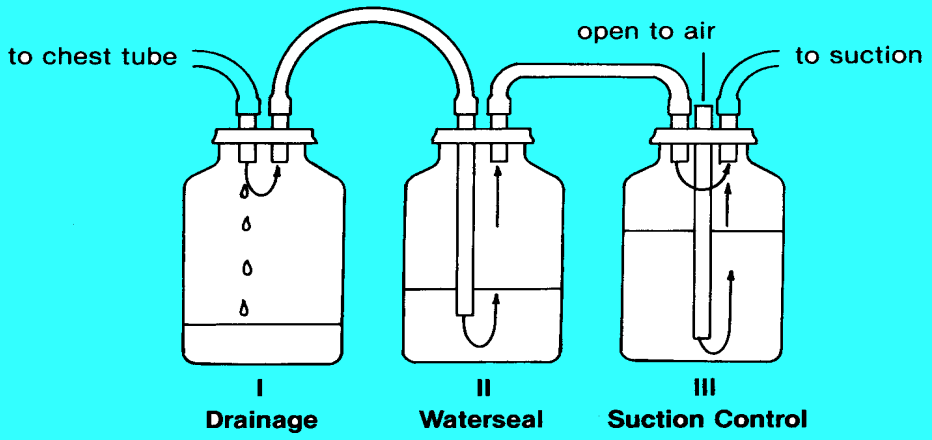
Bottle Chest Drainage Systems



One-Bottle System

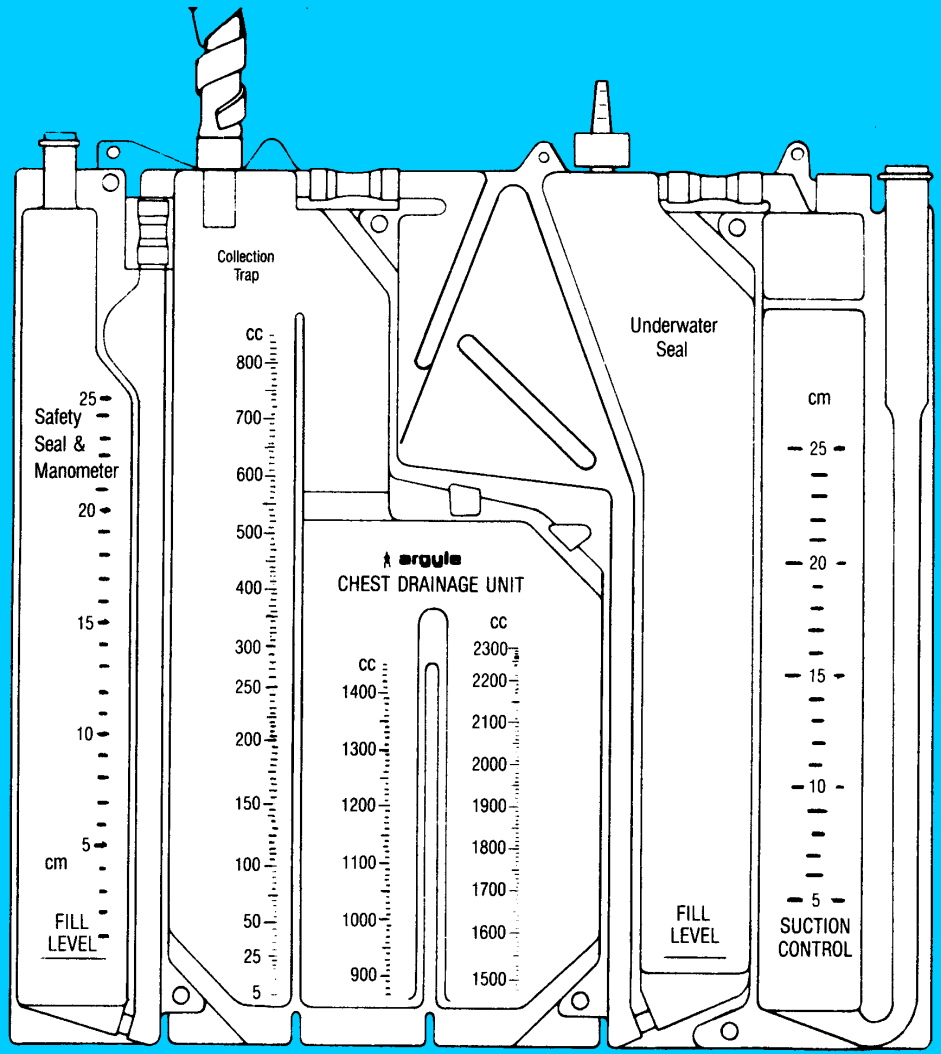


Two-Bottle System



Three-Bottle System

Disposable Chest Drainage Systems



PLEUR-EVAC

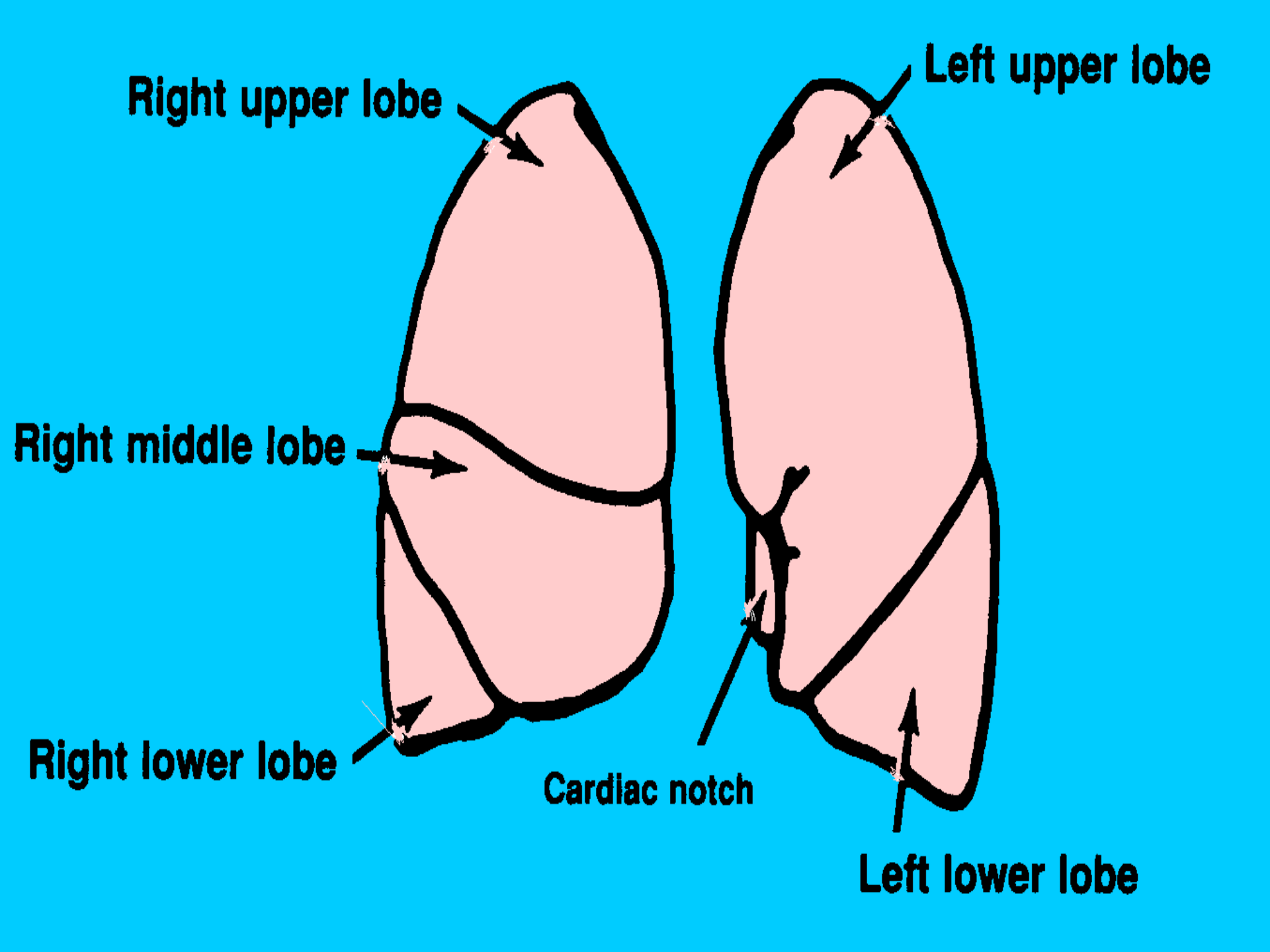
Thoracic Surgery

Surgery in the chest or thorax area of the body.

Abbreviations

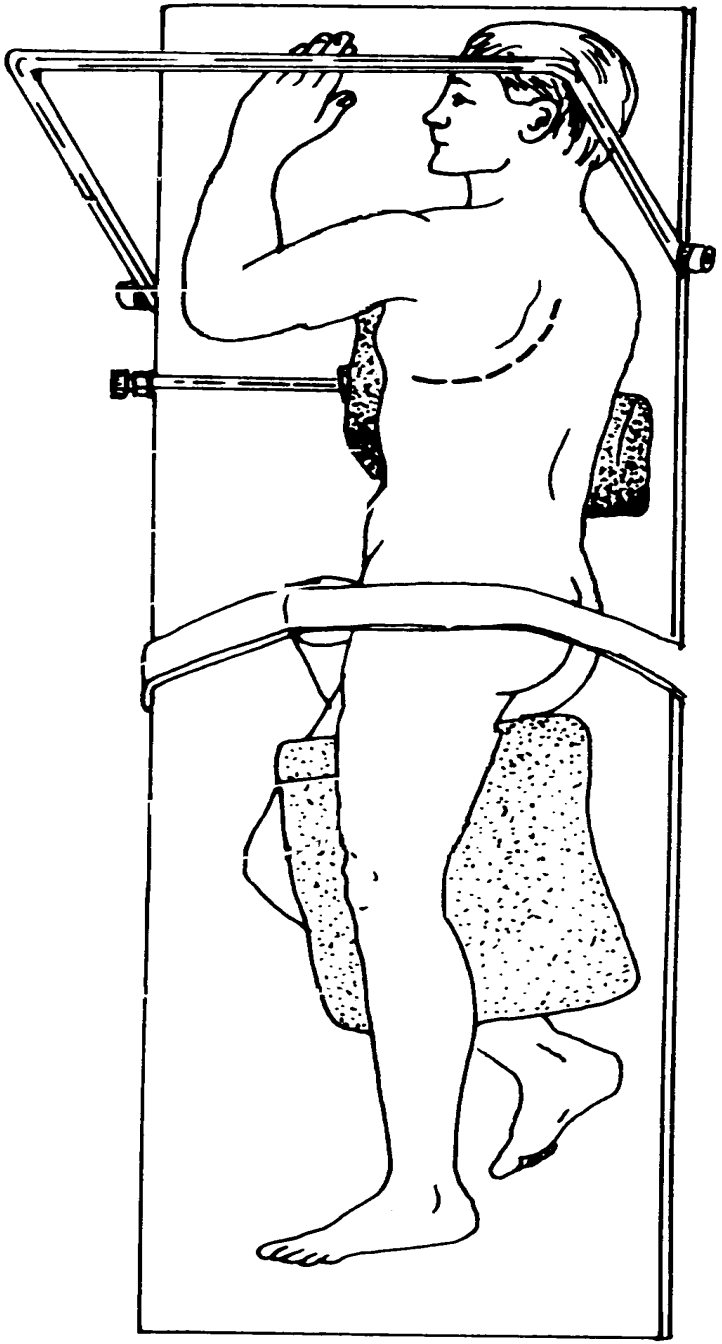
LUL ***RUL***

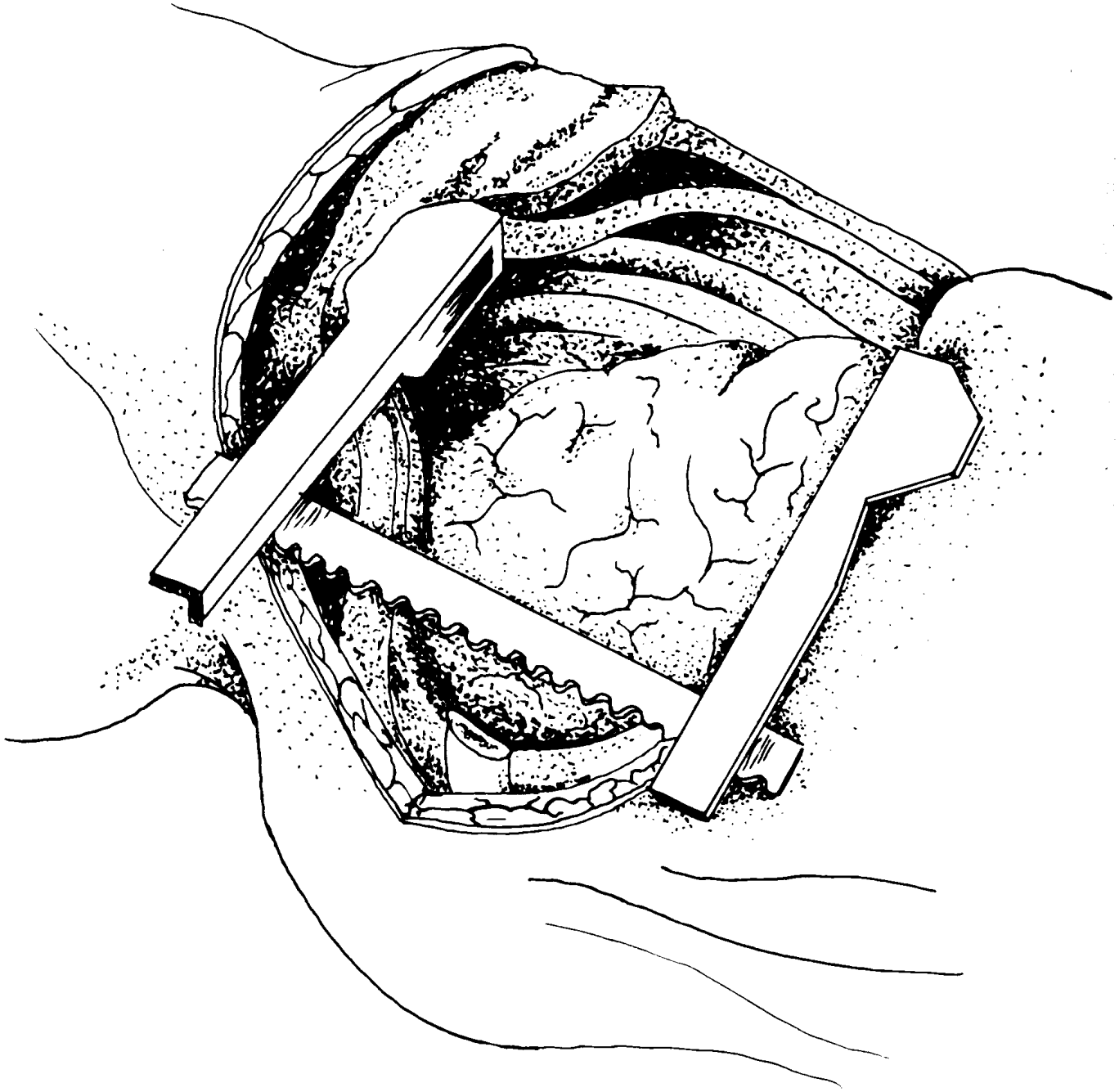
LLL ***RLL***

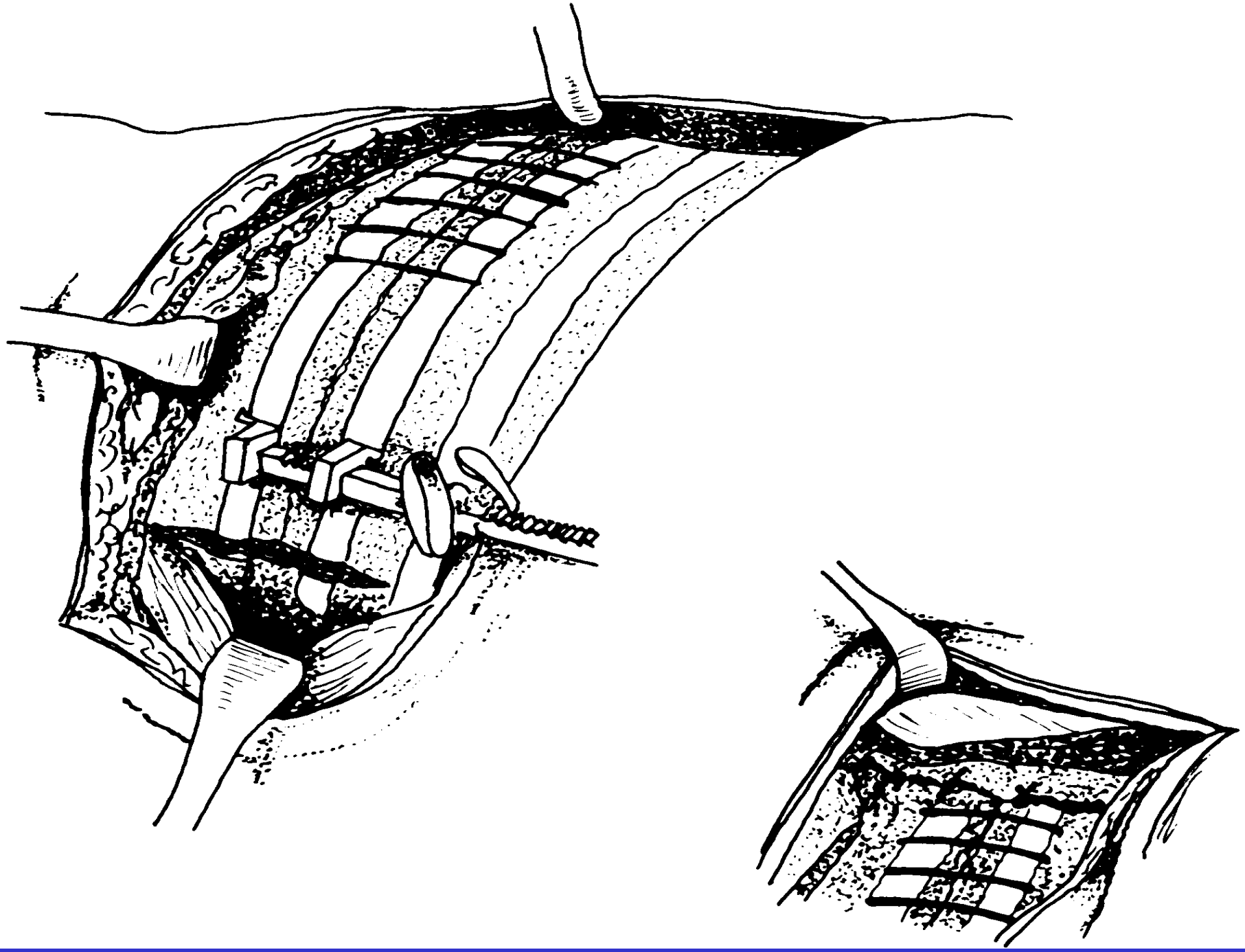

Right upper lobe
Left upper lobe
Right middle lobe
Right lower lobe
Cardiac notch
Left lower lobe

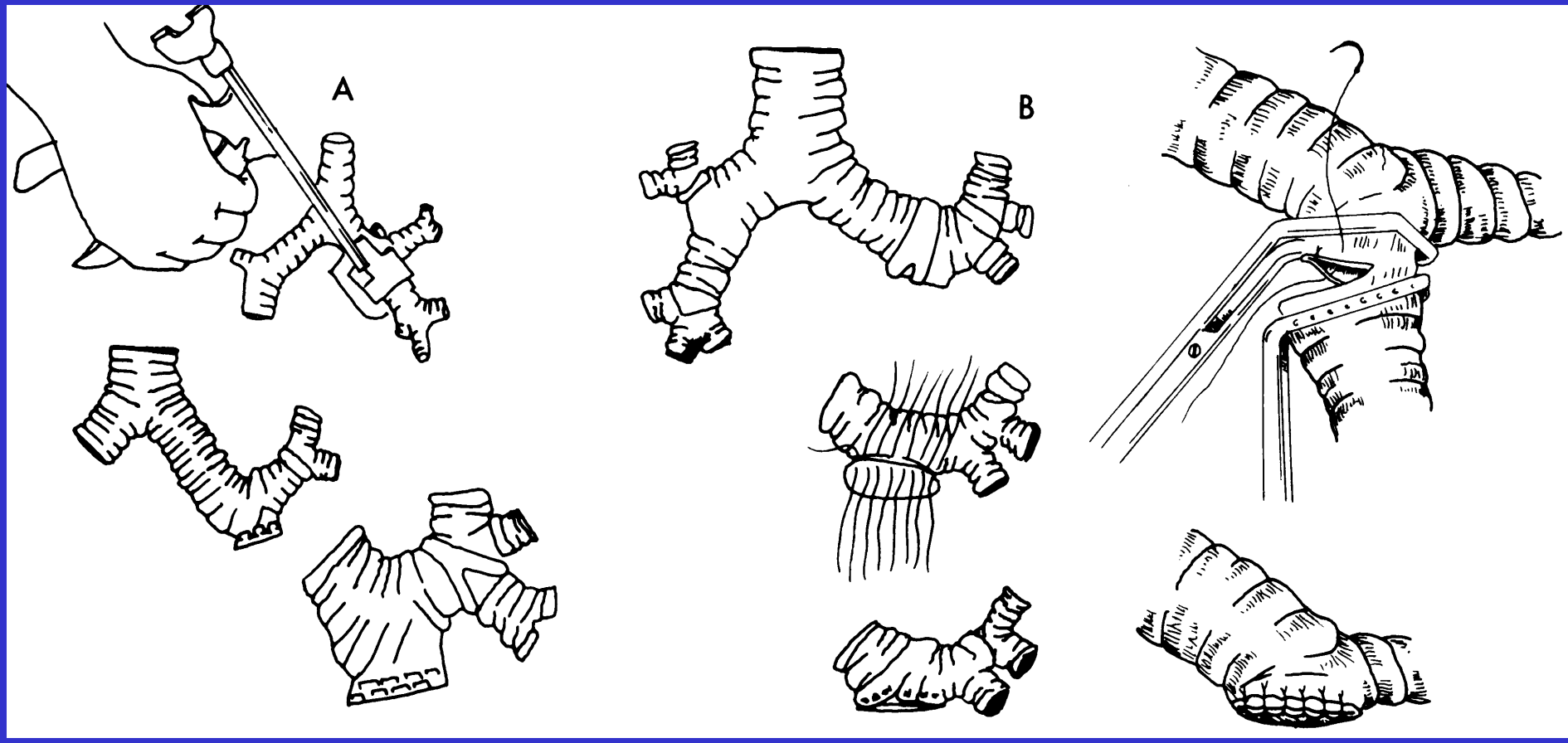
Indications for Thoracic Surgery

Preparation of the Operating Room

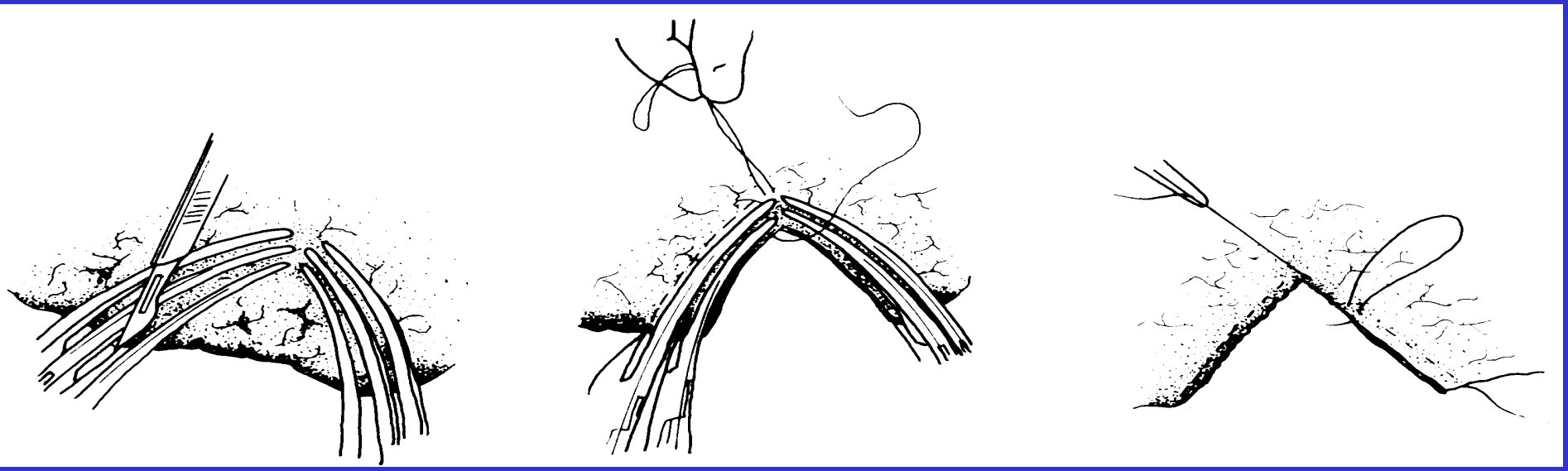


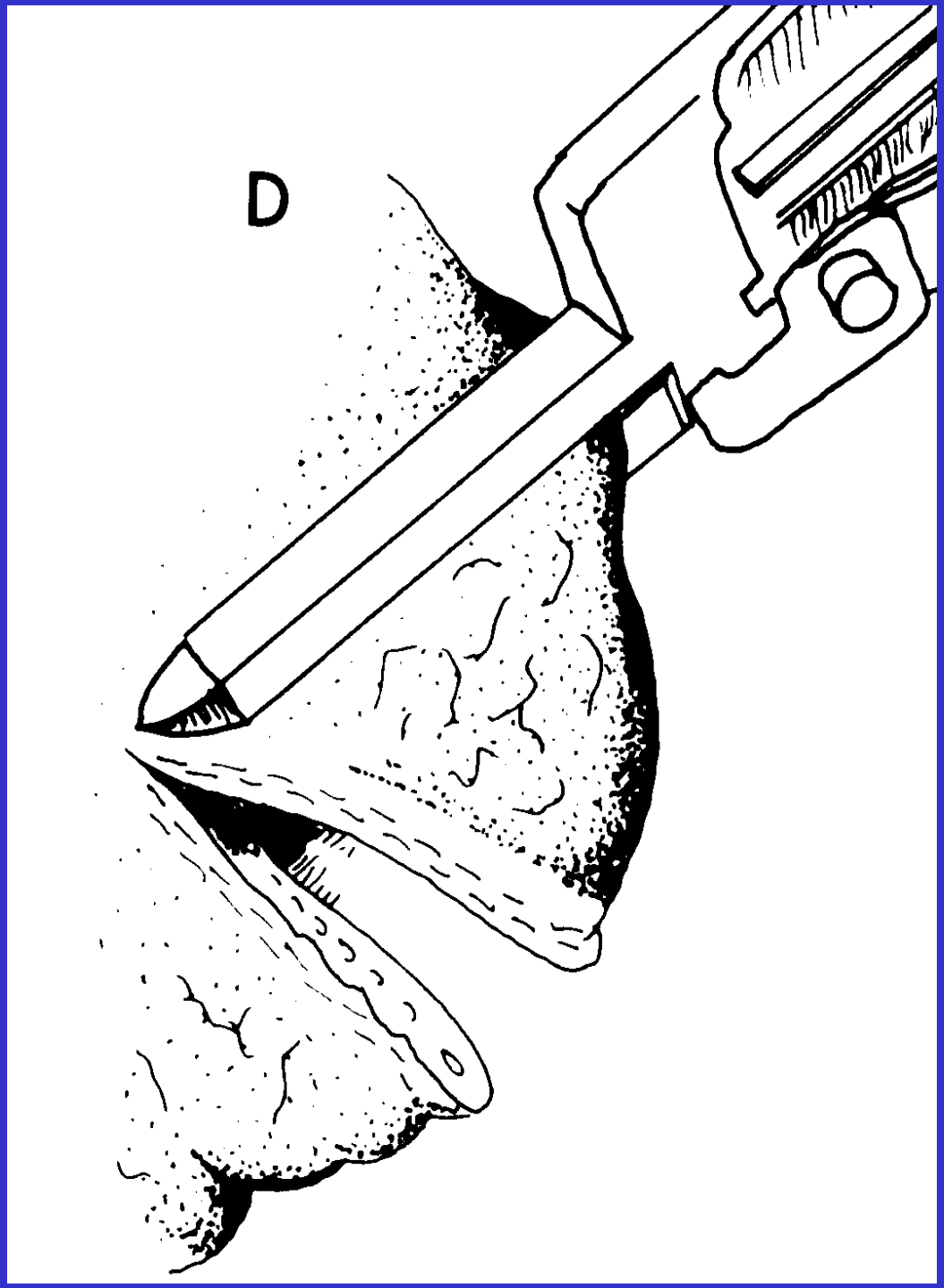





A
B

Selected Thoracic Surgical Procedures

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Possible Complications of Thoracic Surgery

Questions ???